

### AI for Business Major

Course #	AI for Business Major Requirements	Credit
BUS110	Leadership	3
BUS250	Applied Statistics & Quantitative Analysis	3
BUS151	Financial Accounting I	3
BUS 152	Financial Accounting II	3
ECO200	Microeconomics	3
ECO201	Macroeconomics	3
BUS260	Principles of Management	3
BUS210	Personal Finance	3
BUS268	Financial Management	3
BUS270	Marketing Principles and Communications	3
BUS380	Business Law	3
BUS403	Business Ethics	3
BUS490	Business Capstone Seminar	3
MIS362	Advanced Spreadsheet Applications	3
MIS363	Advanced Database Applications	3
BUS451	Project Management	3
AIL100	AI for Everyone (online)	3
AIL201	AI for Decision Making(online)	3
AIL205	AI for Creativity (online)	3
AIL301	AI Ethics (online)	3
DAT103	Foundations of Data Analytics I (online)	3
DAT104	Foundations of Data Analytics II (online)	3

### **Minor - AI for BUSINESS** **(18 credits)**

AIL100	AI for Everyone (online)	3
AIL201	AI for Decision Making(online)	3
AIL205	AI for Creativity (online)	3
AIL301	AI Ethics (online)	3
MIS362	Advanced Spreadsheet Applications	3
MIS363	Advanced Database Applications	3

#### AI and Business Course Descriptions:

#### MIS 362 Advanced Spreadsheets Applications (3) Fall Semester

A course leading to the mastery of professional business problem-solving and decision-making techniques. Project files and case studies require critical thinking and provide a great variety of interesting and relevant business applications for skills. Macros will be utilized as a tool for automating spreadsheet features.

**MIS 363 Advanced Database Applications (3) Spring Semester**

An in-depth study of database application programs. Topics covered include database field definitions, creating data entry screens, generating reports, and queries.

**BUS 451 Project Management (3) Spring Semester**

This course develops a foundation of concepts and solutions that supports the planning, scheduling, controlling, resource allocation, and performance measurement activities required for successful completion of a project.

**AIL100 AI for Everyone (3) (online) new Fall and Spring Semesters**

Artificial Intelligence is changing the world. It is changing jobs, creating them, and even replacing them (but less than you think). More than ever before, companies need employees who can use AI tools to solve problems creatively and responsibly. This non-technical AI crash course builds the foundational skills needed to do that and is designed to be valuable to anyone. Learn how to distinguish problems that AI is useful for, master prompt engineering to improve outputs, detect AI-generated output, analyze ethics and privacy, and stay up-to-date on one of the most transformative technologies of our lifetimes.

**AIL201 AI for Decision Making (3) (online) new Fall Semester**

Artificial Intelligence decisions are often only as good as the person asking the question. In this course, you'll learn how to ask the right ones and increase the productivity and innovation you can achieve with AI. Create better prompts, compare and contrast strengths and limitations, evaluate outcomes, and by the end of this course, understand and leverage the power of AI for decision-making across any discipline, opening up new career paths and personal growth.

**AIL205 AI for Creativity (3) (online) new Spring Semester**

Generative AI has introduced a new paradigm of AI: the co-creator. Top professionals and companies use AI to improve productivity and creativity every day, and in this course, you'll learn the iterative prompting, search, and functional evaluation metrics powering these uses. By the end of this course, you'll integrate AI tools into a variety of creative skill sets, and your own projects, building new avenues for creativity in your career.

**AIL301 AI Ethics (3) (online) new Spring Semester**

Have you ever heard someone say that AI could take over the world? As drastic as that may sound, AI poses substantial ethical risks to businesses, people, and anyone taking advantage of the technology. Therefore, learning the ethical theories and legal frameworks surrounding AI is critical for anyone using AI tools. This course will explore the ethical standards and legal requirements in AI deployment, covering topics such as bias, privacy, and governance.

**DAT103 Foundations of Data Analytics I (3) (online) Fall and Spring Semesters**

In an increasingly data-driven world, everyone should be able to understand the numbers that govern our lives. Whether or not you want to work as a data analyst, being "data literate" will help you in your chosen field. In this course, you'll learn the core concepts of inference and data analysis by working with real data. By the end of the term, you'll be able to analyze large datasets and present your results. This online class has optional live sessions.

**DAT104 Foundations of Data Analytics II (3) (online) Spring Semester**

This course is intended as a continuation of Foundations of Data Analytics I. In this course, you'll learn how Data Analytics is applied within the workforce. Particular attention will be paid to the role of the Data Scientist or Analyst, machine learning and the applications of Big Data. By the end of the term, you will be able to design and execute a range of data-driven experiments. This online class has optional live sessions. Prerequisite: DAT103.